

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-2000)		ATTORNEY'S DOCKET NUMBER 34691/240549
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/019,855
INTERNATIONAL APPLICATION NO. PCT/DE00/01467	INTERNATIONAL FILING DATE May 11, 2000	PRIORITY DATE CLAIMED May 11, 1999
TITLE OF INVENTION DEVICE FOR INVESTIGATING MATERIALS		
APPLICANT(S) FOR DO/EO/US Frank Rinn		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).		
4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11- To 16. Below concern other document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A FIRST preliminary amendment.		
<input checked="" type="checkbox"/> A SUBSEQUENT preliminary amendment.		
14. <input type="checkbox"/> A substitute specification.		
15. <input type="checkbox"/> A change of power of attorney and/or address letter.		
16. <input type="checkbox"/> Other items or information:		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) 10019.855	INTERNATIONAL APPLICATION NO. .PCT/DE00/01467	ATTORNEYS DOCKET NUMBER 34691/240549	
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY	
Basic National Fee (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO		\$1,040.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO		\$ 890.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search (37 CFR 1.445(a)(2)) paid to USPTO		\$ 740.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO But all claims did not satisfy provisions of PCT Article 33(1)-(4)		\$ 710.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)		\$ 100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT		\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	24	-20 = 4	X \$18.00 \$ 72.00
Independent Claims	1	- 3 = 0	X \$84.00 \$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$280.00 \$	
TOTAL OF ABOVE CALCULATIONS		\$ 72.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by one-half.		\$ 36.00	
SUBTOTAL		\$ 36.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	
TOTAL NATIONAL FEE		\$ 36.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	
TOTAL FEES ENCLOSED		\$ 36.00	
		Amount to be Refunded \$	
		Charged \$	
<p>a. <input type="checkbox"/> A check in the amount of \$ -0- to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 16-0605 in the amount of \$ 36.00 to cover the above fees.</p> <p>A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0605.</p>			
<p>Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>			
SEND ALL CORRESPONDENCE TO: Charles B. Elderkin <i>Charles B. Elderkin</i>		<p>"Express Mail" Mailing Label Number EL 913134632 US Date of Deposit: January 29, 2002</p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PCT, Attn: DO/US (PTO) Commissioner for Patents, Washington, DC 20231.</p> <p><i>Joyce D. Smith</i> Joyce D. Smith</p>	
<p>SIGNATURE REGISTRATION NUMBER 24,357 ALSTON &amp; BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Charlotte Office (704) 444-1000 Fax Charlotte Office (704) 444-1111 Customer Number 00826</p>			

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PTO/

Received 29 July 2002

## IN THE UNITED STATES DESIGNATED OFFICE (DO/US) # \*

In re: Rinn  
U.S. Appl. No. 10/019,855  
International Appl. No.: PCT/DE00/01467  
International Filing Date: May 11, 2000  
For: DEVICE FOR INVESTIGATING MATERIALS

Attn: DO/US

7/16/02  
P. K.  
S/16/02

January 29, 2002

Box PCT  
Commissioner for Patents  
Washington, DC 20231

## THIRD PRELIMINARY AMENDMENT

Sir:

Kindly amend the above identified application as follows:

C1 ✓ In the Specification:

On page 1, between the title and line 3, insert  
--Background of the Invention--

✓ Please replace the paragraph beginning at page 3, line 35  
with the following subheading and rewritten paragraph

C2 ✓ --Summary of the Invention

The above and other objects and advantages of the present  
invention are achieved by a device of the type which is  
designed and constructed such that an electronic evaluation  
device is associated to each sensor.--

✓ Please replace the paragraph beginning at page 17, line  
9, with the following rewritten paragraph and subheading

C3 ✓ --There exist various possibilities of improving and  
further developing the teaching of the present invention in an  
advantageous manner. To this end, reference may be made to  
the following description of an embodiment of the device  
according to the invention with reference to the drawing. In  
conjunction with the description of the preferred embodiment  
of the device according to the invention with reference to the

Commissioner For Patents  
Washington, DC 20231

Date Mailed: 11/12/01  
Atty. Dkt. No. 34691/240549

National Phase Application No. PCT/DE00/01467; Filed May 11, 2000;  
Inventor(s): Rinn; Title of Invention: DEVICE FOR INVESTIGATING  
MATERIALS

Documents Enclosed: Second PCT Transmittal; Second Preliminary  
Amendment; Information Disclosure Statement; PTO1449; 8  
references; copy of International Search Report

Check Enclosed -0-

Kindly acknowledge receipt by placing office stamp hereon and  
returning postcard to: CBE:jds  
ALSTON & BIRD LLP

RECORDED 12 NOV 2001

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